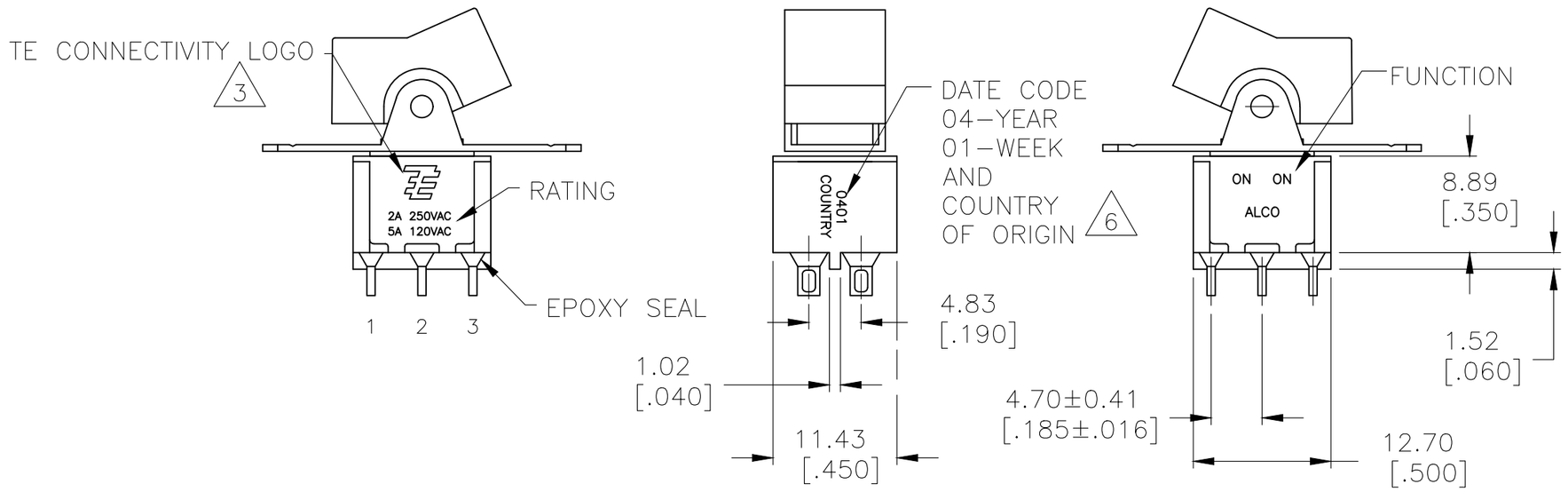
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A8	REVISED PER ECO-17-001761	10MAY2017	RK	AS



1 ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).

2 G CONTACT OPTION CAN BE USED FOR SIGNAL OR POWER LEVEL SWITCHING. IF SWITCH IS USED AT LEVELS EXCEEDING .4VA @ 20V AC/DC, SWITCH IS RENDERED FOR POWER SWITCHING ONLY DUE TO ARC REMOVAL OF GOLD PLATING. RATING MARKED ON THE SWITCH IS 2A 250VAC, 5A 120VAC.

△3 TE CONNECTIVITY LOGO PER PER TEC–202–36.

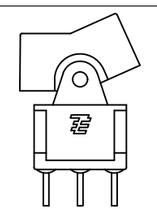
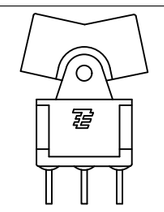
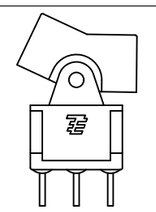
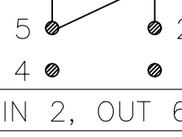
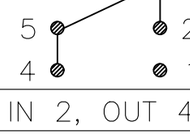
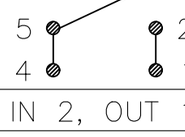
5 SP3T FUNCTION ACHIEVED WITH FUNCTIONS 11, 13, & 15 BY CUSTOMER APPLIED JUMPER BETWEEN TERMINALS 3 & 5.

△6 DATE CODE AND COUNTRY OF ORIGIN MAY APPEAR ON EITHER SIDE OF SWITCH.

7 PANEL MOUNT BRACKET SUPPLIED WITH TERMINALS W, Z AND Z3 ONLY.

8 ALL LOGO, RATING, DATE CODE, AND FUNCTION MARKINGS TO BE LASER MARKED.

FUNCTION CHART

FUNCTION	 1 2 3 / 4 5 6	 1 2 3 / 4 5 6	 1 2 3 / 4 5 6
01	ON	NONE	ON
03	ON	OFF	ON
05	(ON)	OFF	(ON)
07	ON	OFF	(ON)
08	ON	NONE	(ON)
TERMINALS CONNECTED	2–3, 5–6	– – –	1–2, 4–5
11	ON	ON	ON
13	ON	ON	(ON)
15	(ON)	ON	(ON)
TERMINALS CONNECTED	2–3, 5–6	2–3, 4–5	1–2, 4–5
SP3T SCHEMATIC (11, 13 & 15 ONLY) NOTE 5	 6 3 / 5 2 / 4 1	 6 3 / 5 2 / 4 1	 6 3 / 5 2 / 4 1
	IN 2, OUT 6	IN 2, OUT 4	IN 2, OUT 1

NONE: NO MECHANICAL POSITION
OFF: MECHANICAL POSITION WITH NO ELECTRICAL CONNECTION
(ON): MOMENTARY ACTION

SPECIFICATIONS

RATING, B CONTACTS	.4VA MAX @20V MAX. AC OR DC
RATING, G CONTACTS–SEE NOTE 2	.4VA MAX @20V MAX. AC OR DC OR
	5A @120 VAC OR 28 VDC (RESISTIVE)
	2A @250 VAC (RESISTIVE)
RATING, Q CONTACTS	5A @120 VAC OR 28 VDC (RESISTIVE)
	2A @250 VAC (RESISTIVE)
ELECTRICAL LIFE	6,000 CYCLES AT RATED LOAD
CONTACT RESISTANCE	10 MILLIOHMS MAX INITIAL @ 2–4VDC, 100MA
INSULATION RESISTANCE	1,000 MEGOHMS MIN
DIELECTRIC WITHSTANDING VOLTAGE	1,000 V RMS AT SEA LEVEL
OPERATING TEMPRATURE	–30C TO 85C

PART NUMBER SEQUENCE

MODEL	FUNCTION	ACTUATOR	TERMINAL	CONTACT	ACTUATOR COLOR	FRAME COLOR	ROHS
A2							04
	01	J1	A	B	0 BLACK (STD)	0 BLACK (STD)	
	03	J3	AV2	G	1 BROWN	1 BROWN	
	05	J50	C	Q	2 RED	2 RED	
	07	J51	V3		3 ORANGE	3 ORANGE	
	08	J52	V4		4 YELLOW	4 YELLOW	
	11	J2	V7		5 GREEN	5 GREEN	
	13	J4	W		6 BLUE	6 BLUE	
	15	J60	W4		8 GRAY	8 GRAY	
		J61	Z		9 WHITE	9 WHITE	
		J62	Z3				

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DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± .010
4 PLC ± –
ANGLES ± 4°

MATERIAL –
FINISH –

DWN M.BINNER 06JAN05
CHK M.ZITTO 06JAN05
APVD M.ZITTO 06JAN05
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT

TE Connectivity

NAME GEMINI A SERIES ROCKER SWITCH DOUBLE POLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1571987	—

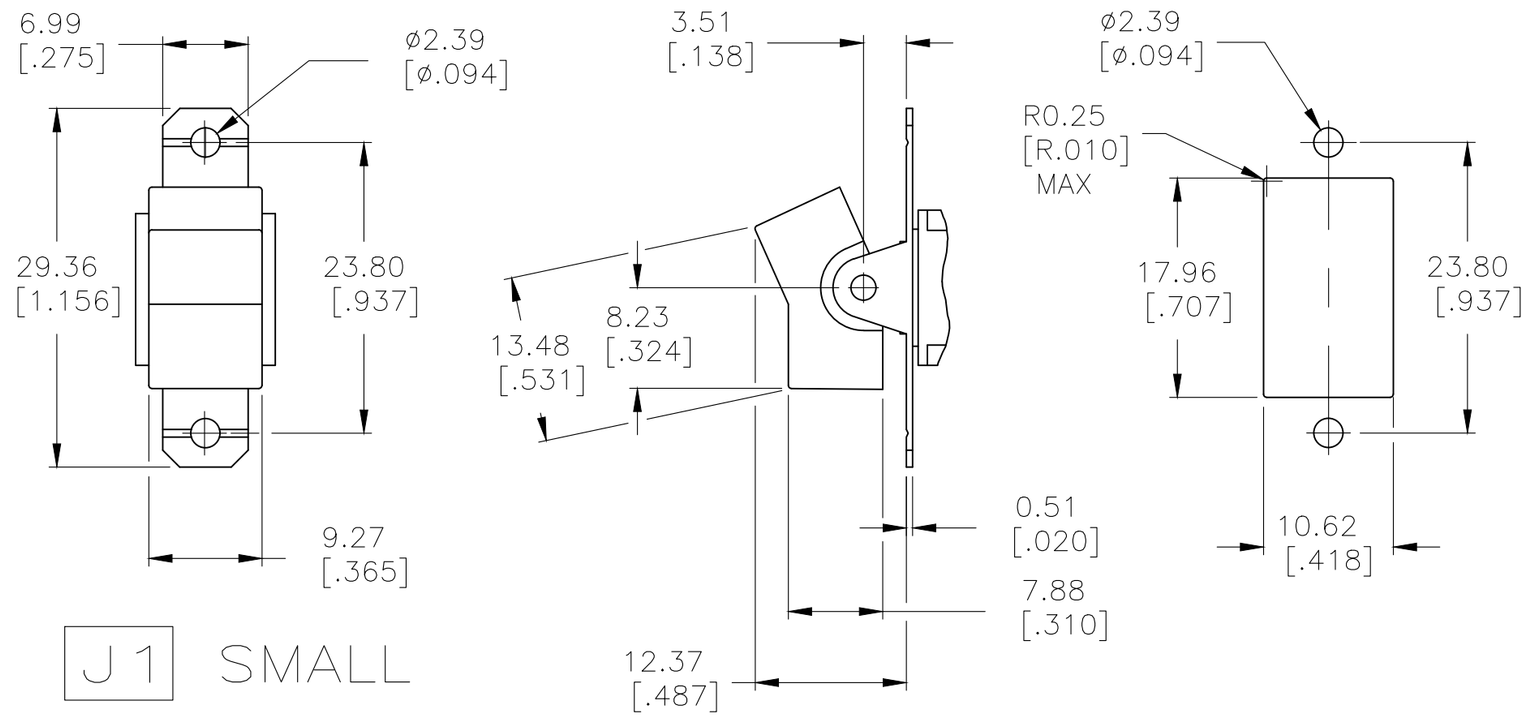
CUSTOMER DRAWING | SCALE 2:1 | SHEET 1 OF 5 | REV A8

1571987

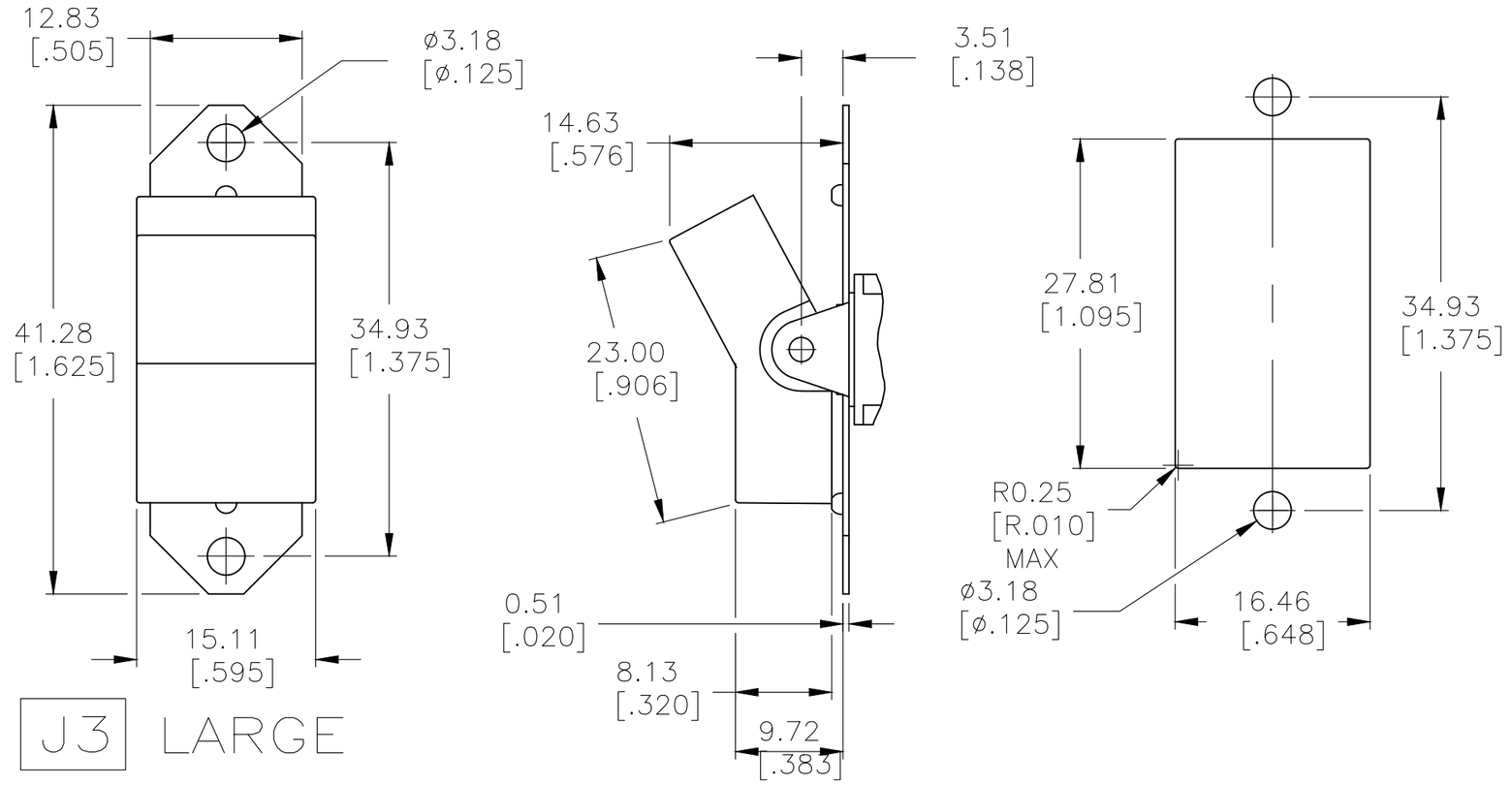
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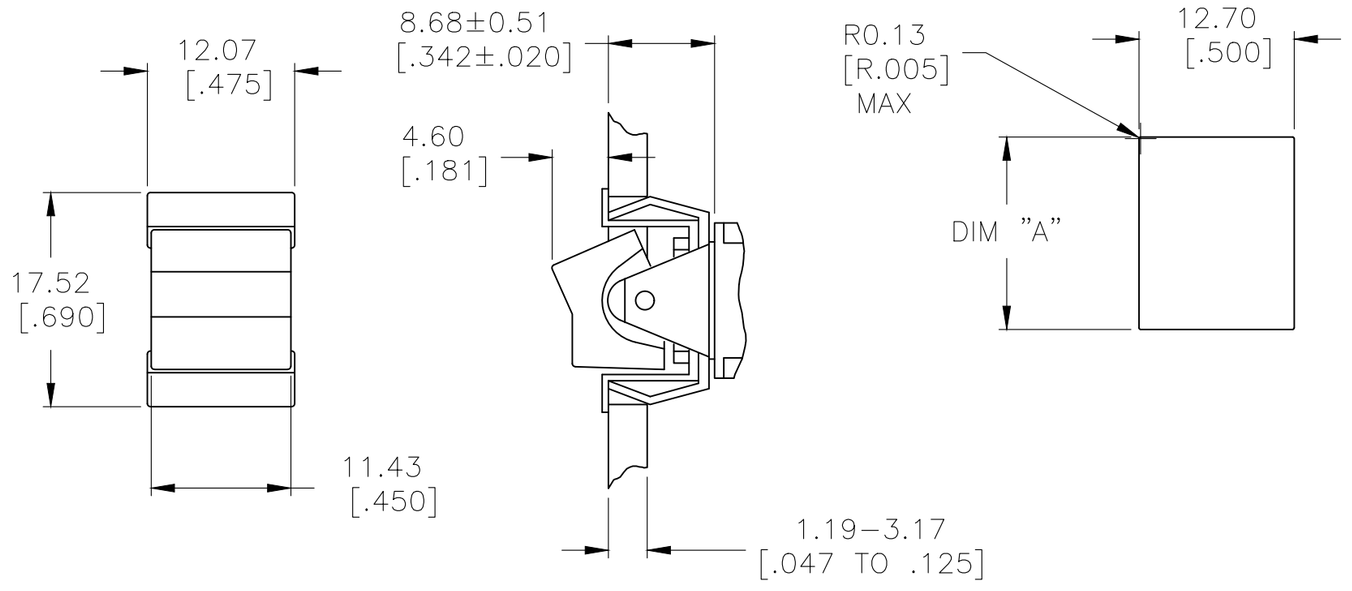
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	–	–



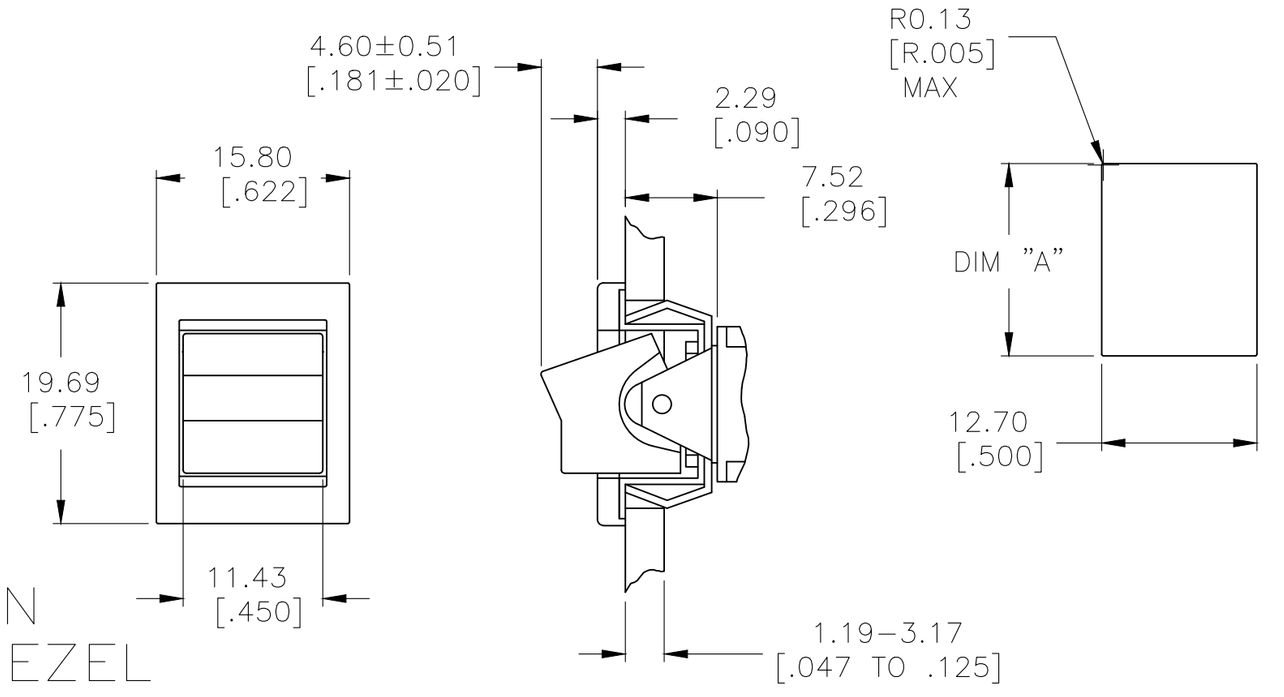
J1 SMALL



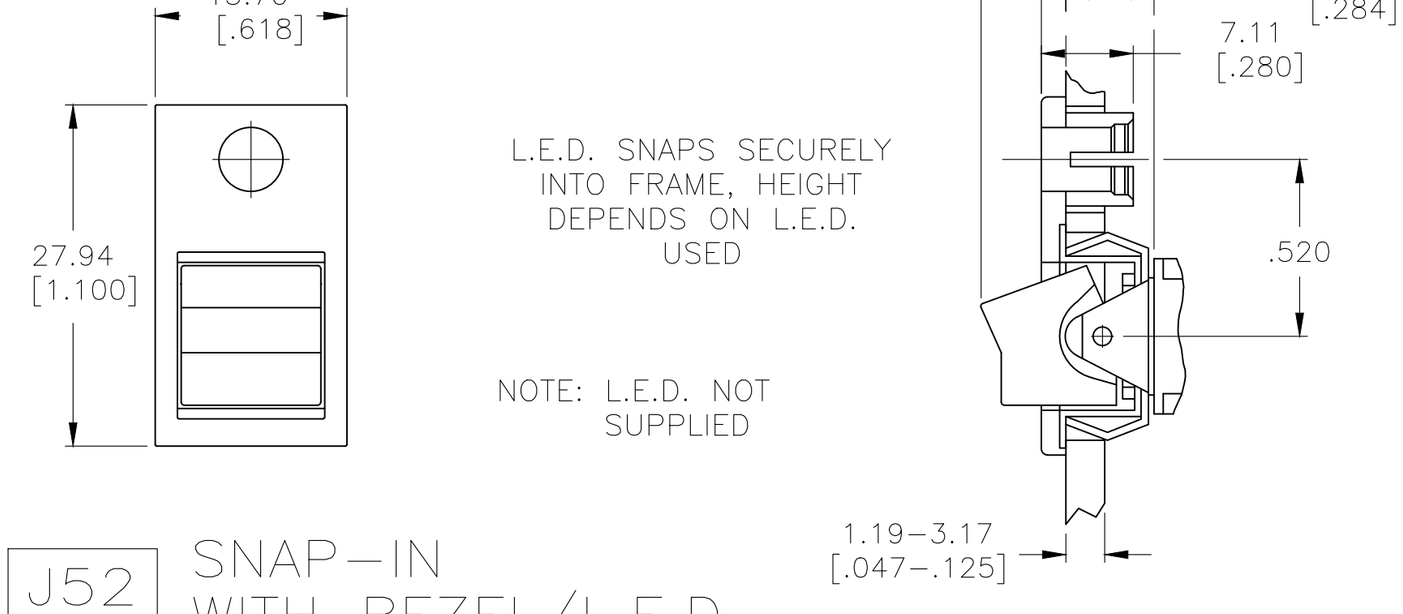
J3 LARGE



J50 SNAP–IN



J51 SNAP–IN WITH BEZEL



J52 SNAP–IN WITH BEZEL/L.E.D.

1.52–3.17[.060–.125]	15.75–15.87[.620–.625]
1.19–1.50[.047–.059]	15.72[.619]
PANEL THICKNESS	DIM "A"

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TOLERANCES UNLESS OTHERWISE SPECIFIED:
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3 PLC ± .010
4 PLC ± –
ANGLES ± 4°

MATERIAL –
FINISH –

DWN	M.BINNER	06JAN05
CHK	M.ZITTO	06JAN05
APVD	M.ZITTO	06JAN05
PRODUCT SPEC	–	
APPLICATION SPEC	–	
WEIGHT	–	

TE Connectivity

NAME: GEMINI A SERIES ROCKER SWITCH DOUBLE POLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1571987	–

CUSTOMER DRAWING | SCALE 2:1 | SHEET 2 OF 5 | REV A8

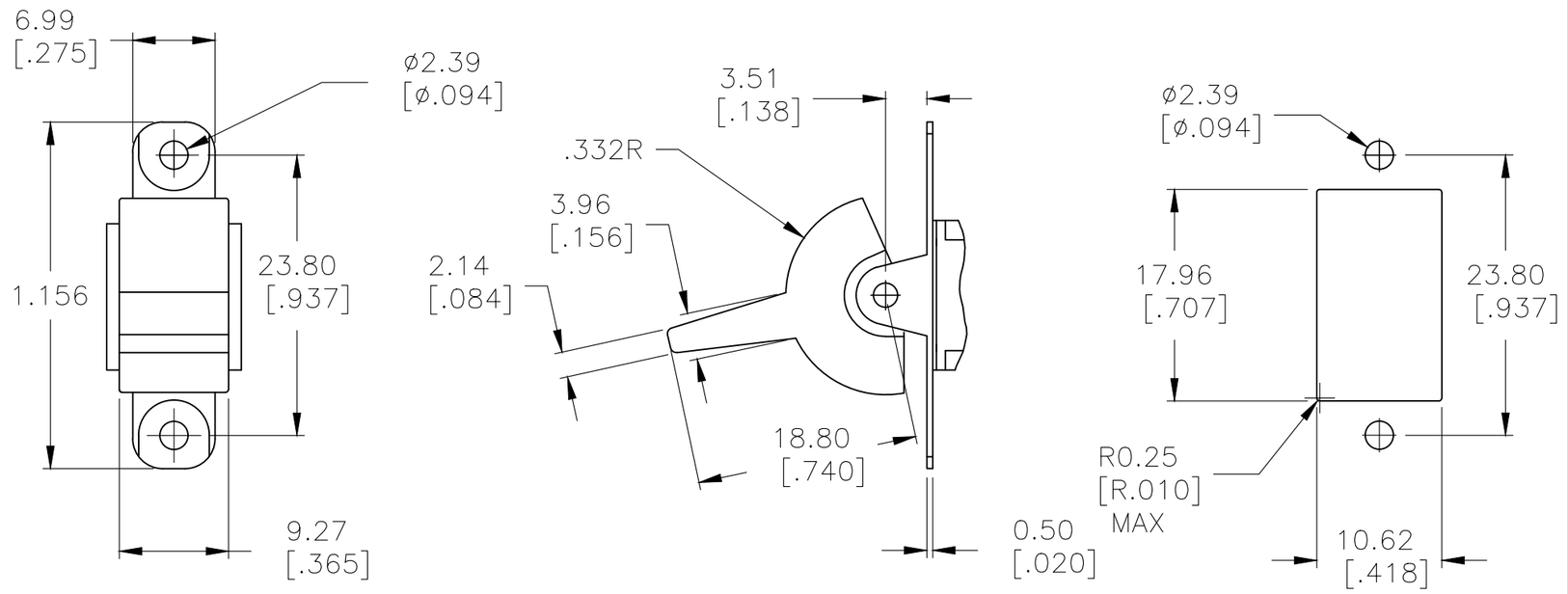
1571987

1471-9 (1/15)

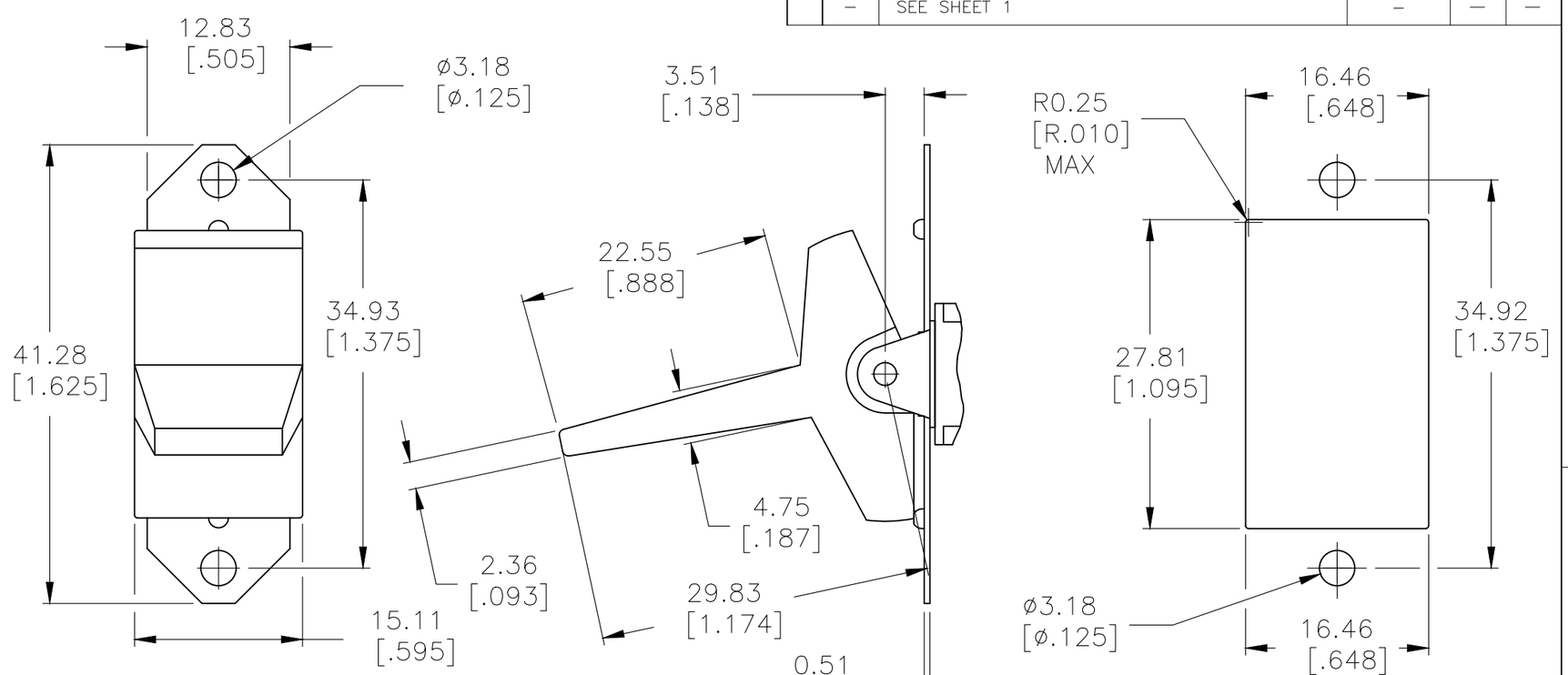
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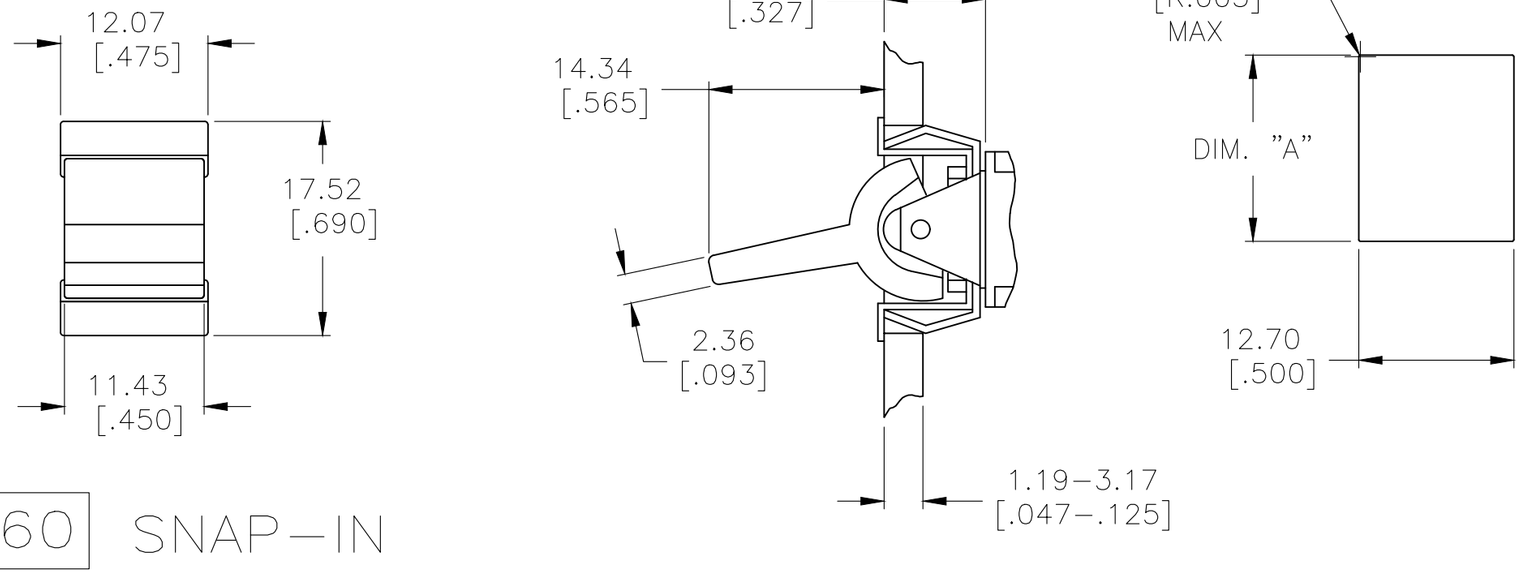
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	–	–



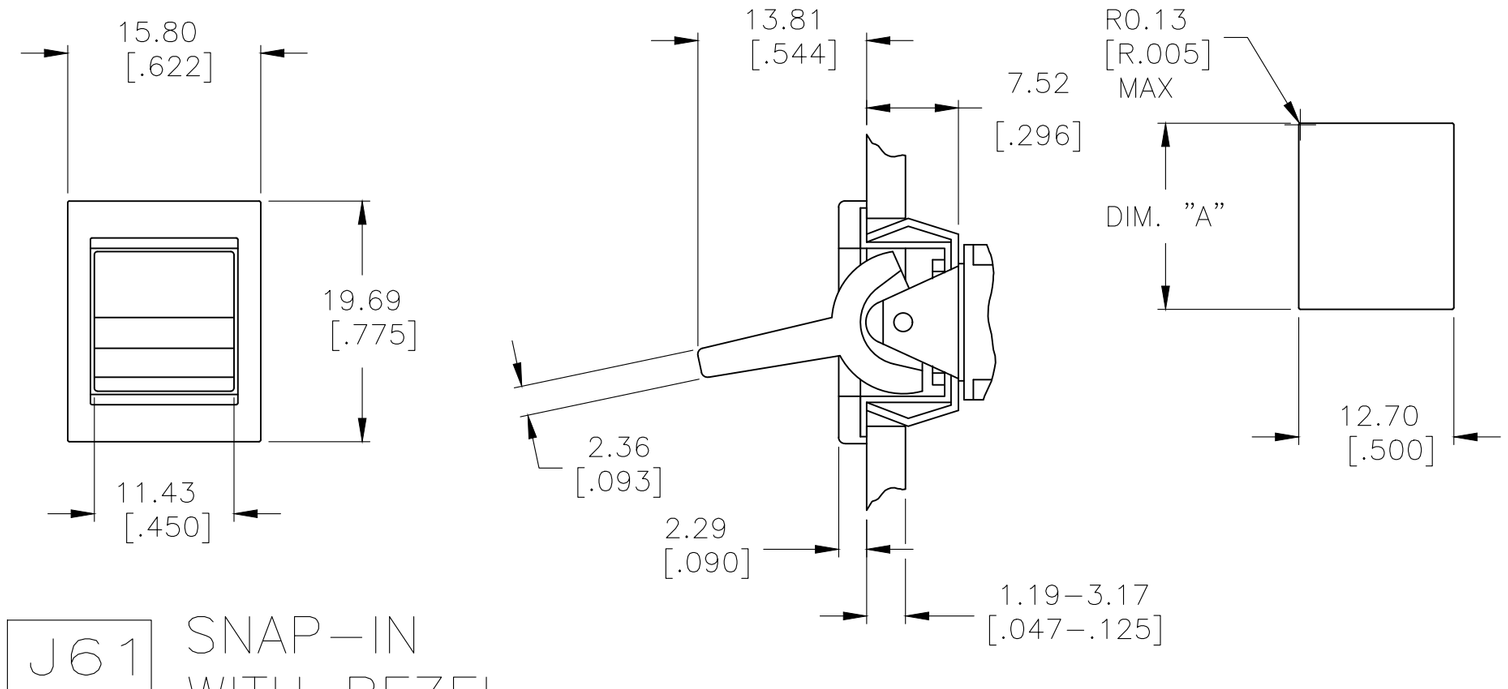
J2 SMALL



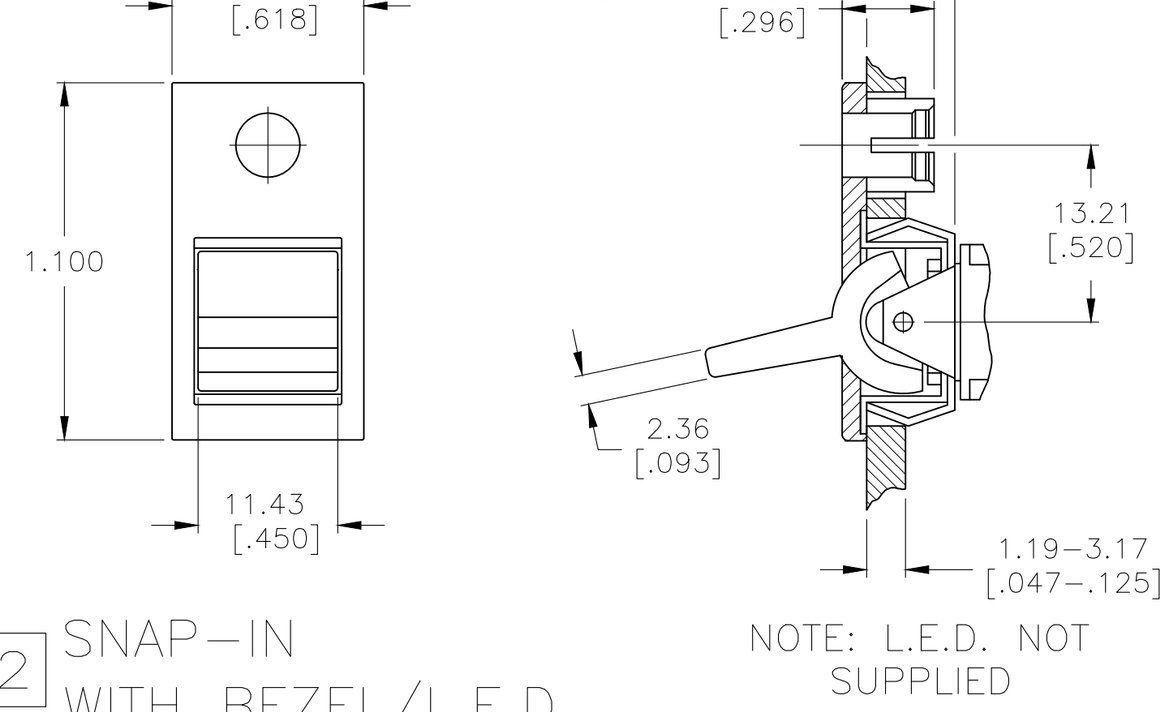
J4 LARGE



J60 SNAP–IN



J61 SNAP–IN WITH BEZEL



J62 SNAP–IN WITH BEZEL/L.E.D.

NOTE: L.E.D. NOT SUPPLIED

1.52–3.17[.060–.125]	15.75–15.87[.620–.625]
1.19–1.50[.047–.059]	15.72[.619]
PANEL THICKNESS	DIM "A"

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2 PLC ± –
3 PLC ± .010
4 PLC ± –
ANGLES ± 4°

MATERIAL –
FINISH –

DWN M.BINNER 06JAN05
CHK M.ZITTO 06JAN05
APVD M.ZITTO 06JAN05
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

NAME GEMINI A SERIES ROCKER SWITCH DOUBLE POLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1571987	—

CUSTOMER DRAWING | SCALE 2:1 | SHEET 3 OF 5 | REV A8

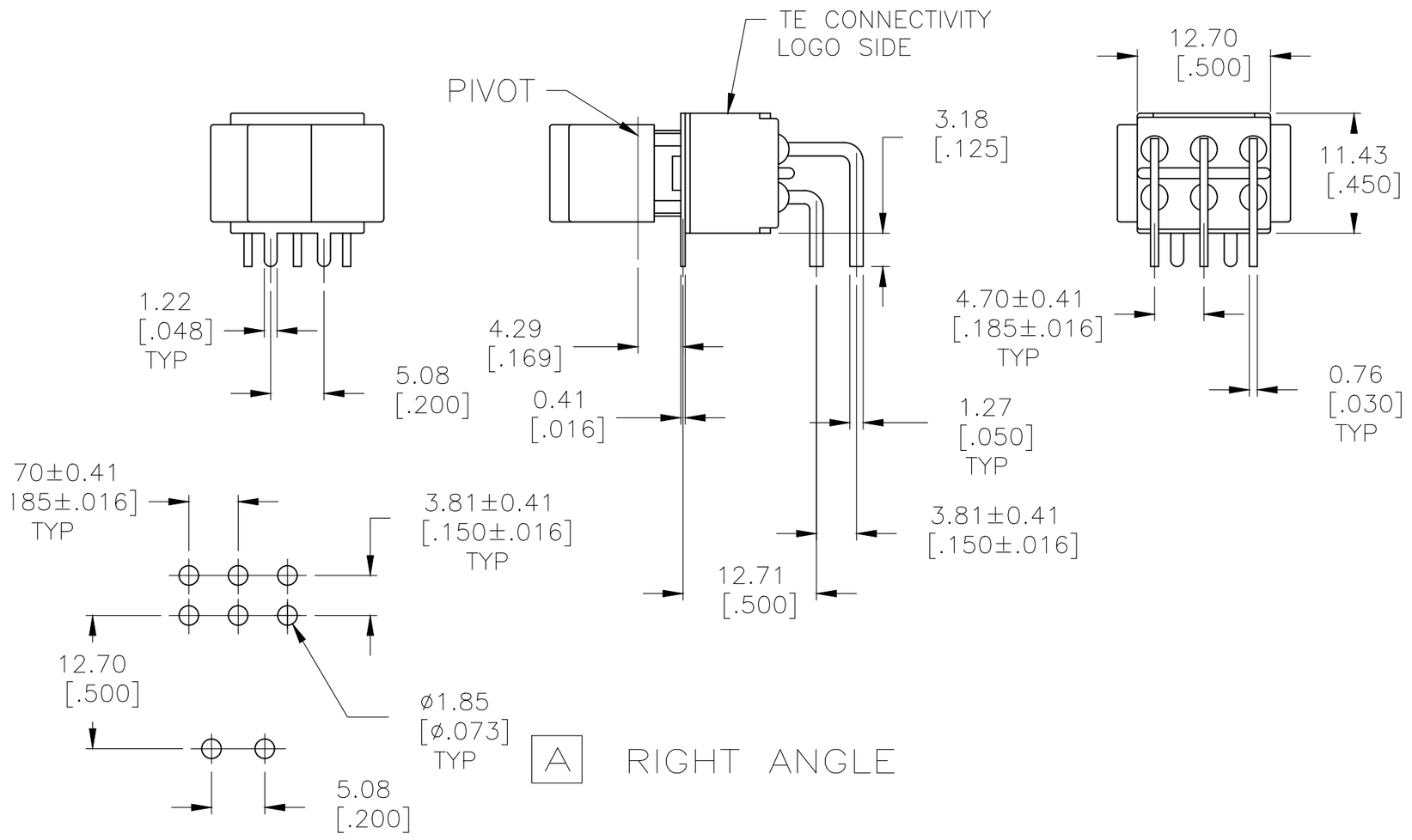
1571987

1471-9 (1/15)

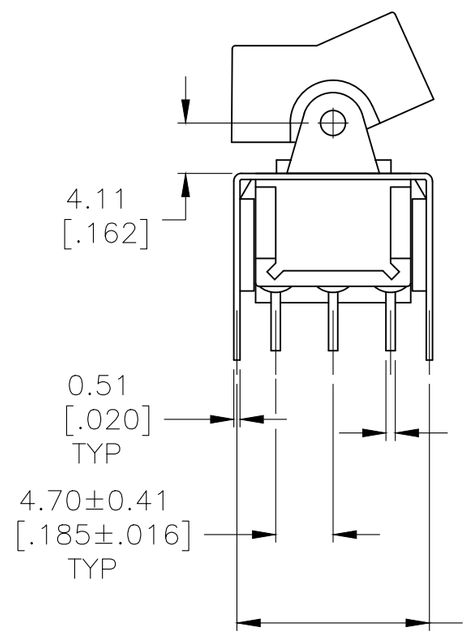
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	–	–

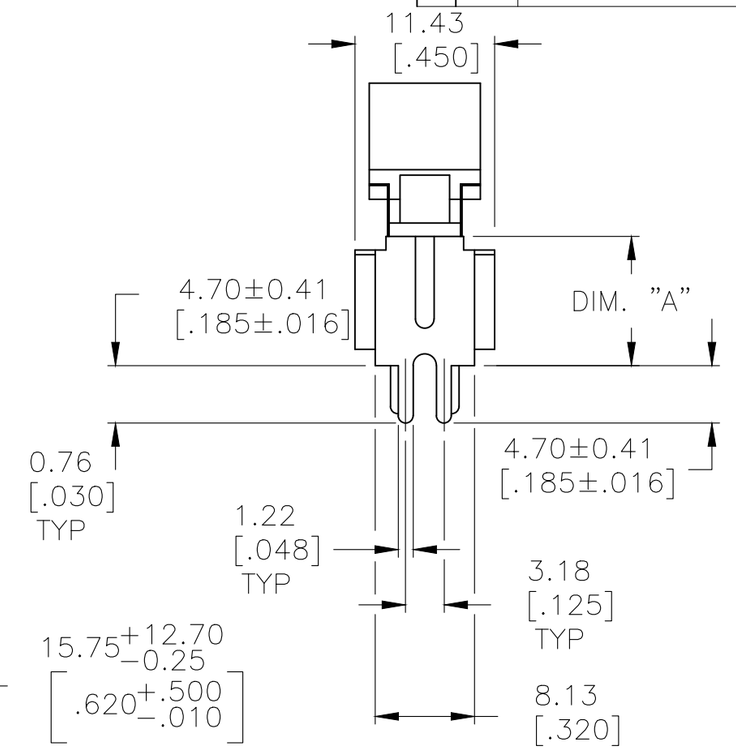


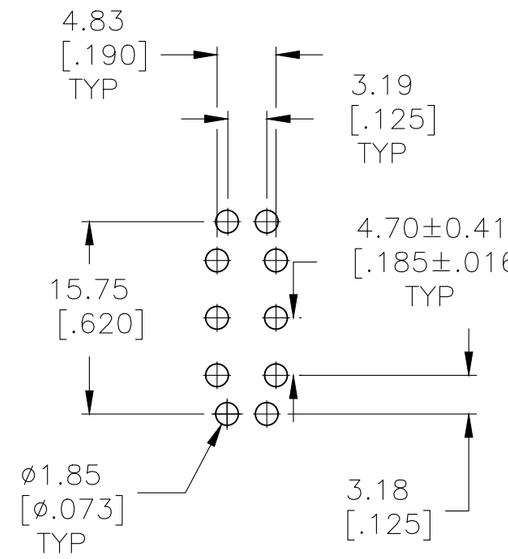
A RIGHT ANGLE



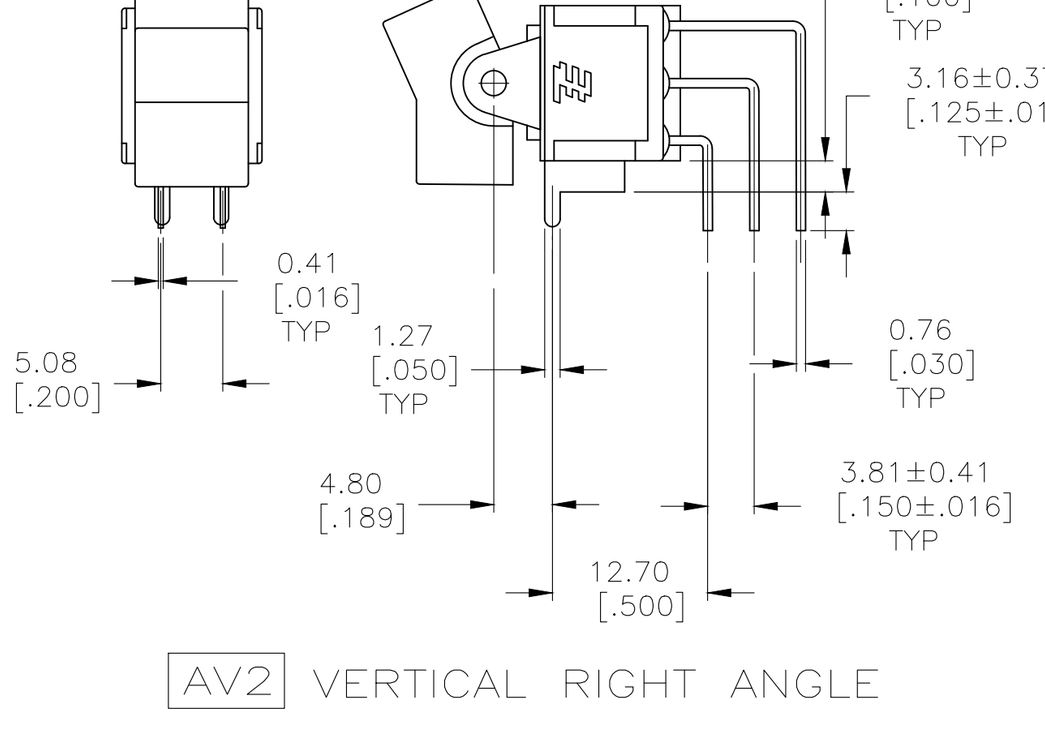
V3 | V4

VERTICAL SUPPORT BRACKET

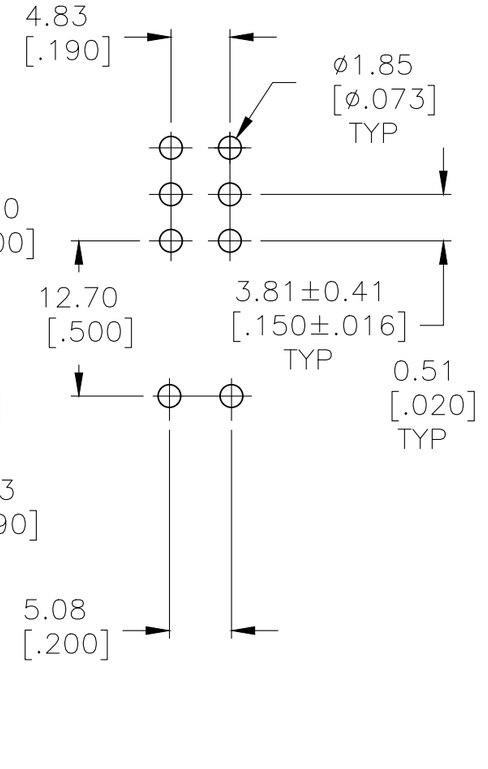


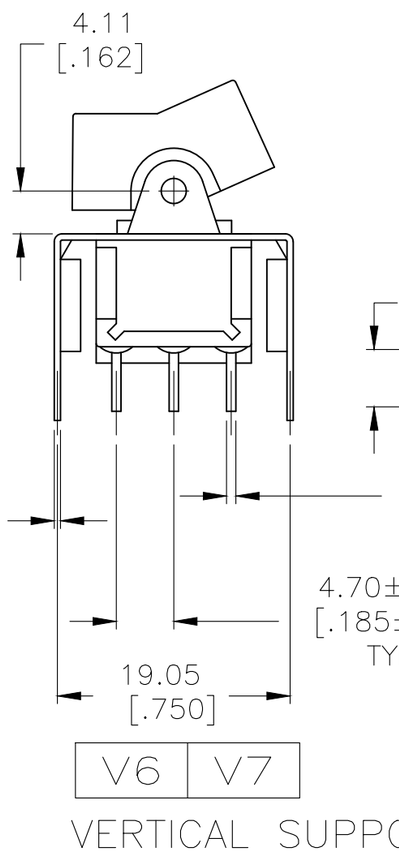


OPTION CODE	DIM "A"
V3	11.68[.460]
V4	16.00[.630]



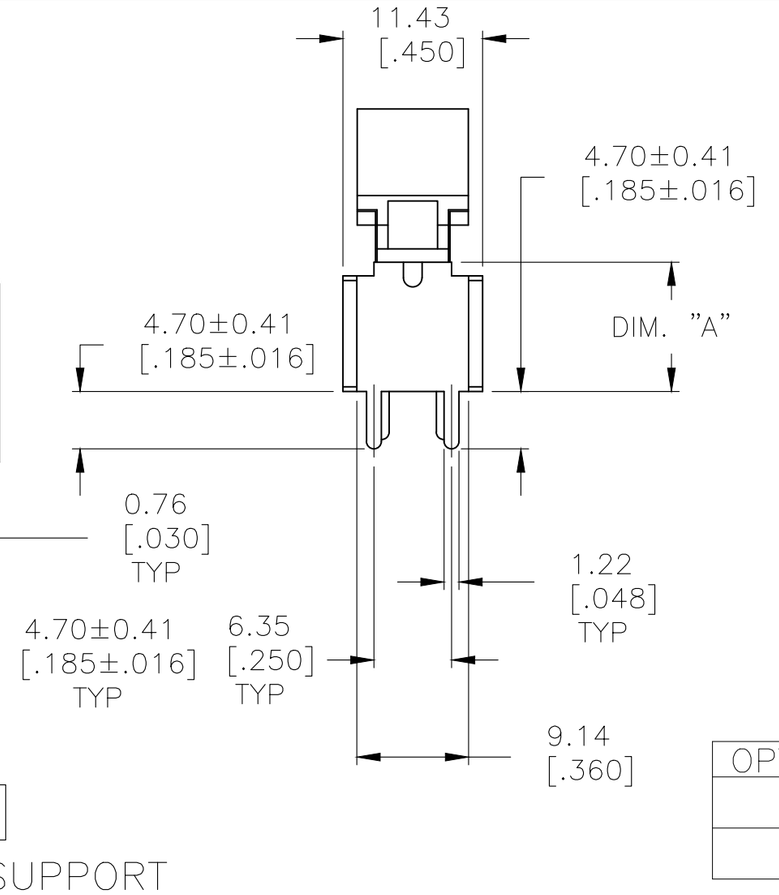
AV2 VERTICAL RIGHT ANGLE

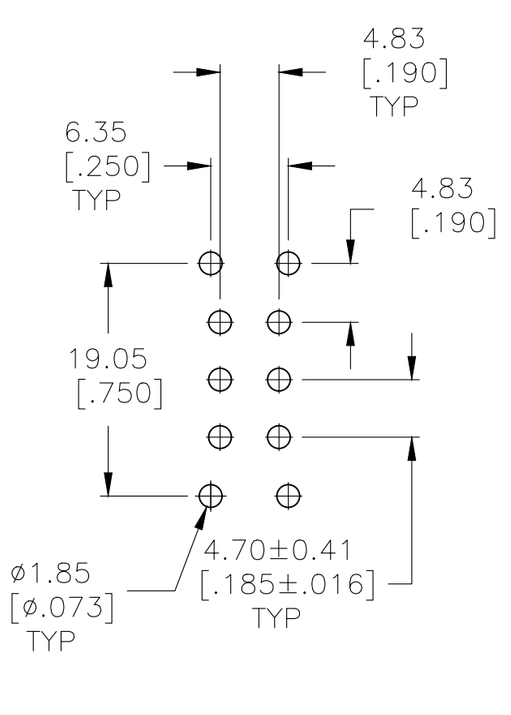




V6 | V7

VERTICAL SUPPORT BRACKET





OPTION CODE	DIM "A"
V6	11.68[.460]
V7	16.00[.630]

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1 PLC ± –
2 PLC ± –
3 PLC ± .010
4 PLC ± –
ANGLES ± 4°

MATERIAL –
FINISH –

DWN M.BINNER 06JAN05
CHK M.ZITTO 06JAN05
APVD M.ZITTO 06JAN05
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

NAME GEMINI A SERIES ROCKER SWITCH DOUBLE POLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1571987	—

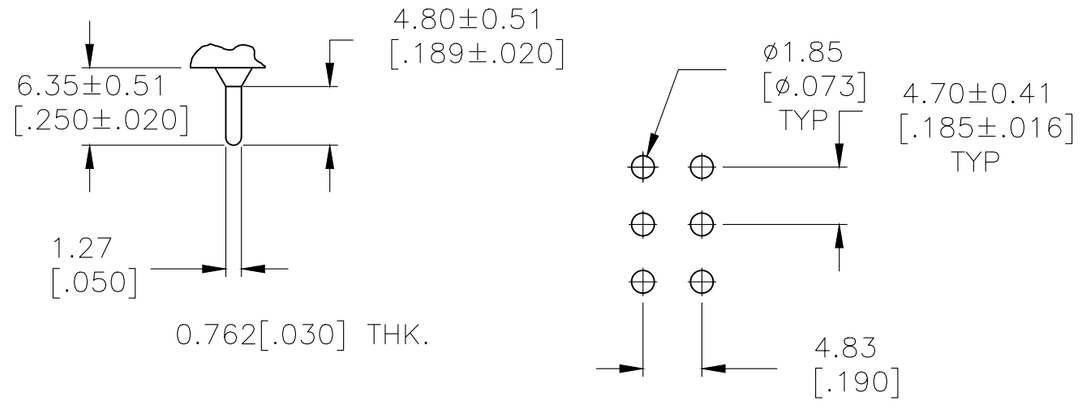
CUSTOMER DRAWING | SCALE 2:1 | SHEET 4 OF 5 | REV A8

1571987

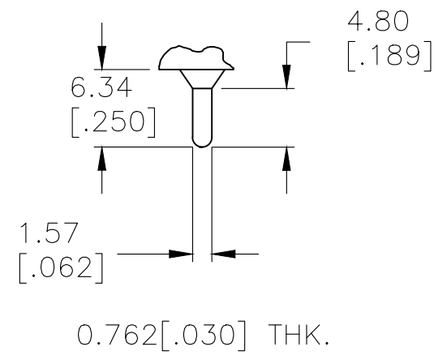
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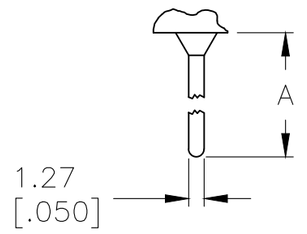
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	–	–



C PRINTED CIRCUIT

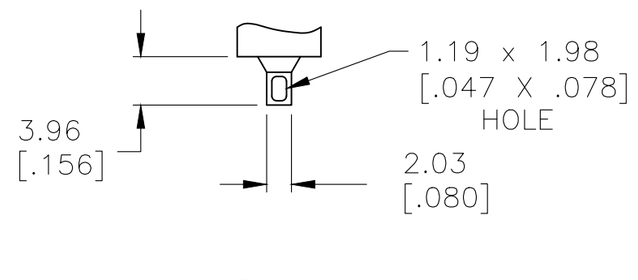


Z3 QUICK CONNECT



OPTION	DIM A
W	18.69[.736]
W4	26.97[1.062]

W W4 WIRE WRAP



Z WIRE LUG

MATERIALS CHART		
COMPONENT NAME	BASE MATERIAL	FINISH
CASE	DAP, RED, UL94 V–0	
FRAME	STAINLESS STEEL	
B TERMINALS & CONTACTS	COPPER	GOLD OVER NICKEL
G TERMINALS & CONTACTS	COPPER	GOLD OVER SILVER
Q TERMINALS & CONTACTS	COPPER	SILVER
ACTUATOR	PHENOLIC, BLACK, UL94 V–1	
ROCKER CAP	NYLON, BLACK, UL94 V–1	
BUSHING & ACTUATOR LEVER	ZINC ALLOY	NICKEL
SPRING	MUSIC WIRE	
SUPPORT BRACKET	BRASS	TIN
PIVOT PIN	STEEL	NICKEL
TERMINAL SEAL	EPOXY, UL94 V–1	

ALCO P/N	P/N
OBSOLETE	A213J61ZQ0004	4–1571987–4
	A211J51ZQ0004	4–1571987–3
	A208J61ZQ0004	4–1571987–2
OBSOLETE	A208J51ZQ0004	4–1571987–1
OBSOLETE	A208J1V3Q004	4–1571987–0
OBSOLETE	NOT ASSIGNED	3–1571987–9
	A207J61ZQ0004	3–1571987–8
	A207J51ZQ0004	3–1571987–7
OBSOLETE	A207J3ZQ004	3–1571987–6
OBSOLETE	A207J1ZQ004	3–1571987–5
	A205J61ZQ0004	3–1571987–4
	A205J51ZQ0004	3–1571987–3
OBSOLETE	A205J2ZQ004	3–1571987–2
	A205J2CQ004	3–1571987–1
	A205J1ZQ004	3–1571987–0
	A205J1AV2Q004	2–1571987–9
OBSOLETE	NOT ASSIGNED	2–1571987–8
	A203J61ZQ0004	2–1571987–7
	A203J51ZQ0004	2–1571987–6
OBSOLETE	NOT ASSIGNED	2–1571987–5
OBSOLETE	A203J1ZQ004	2–1571987–4
OBSOLETE	NOT ASSIGNED	2–1571987–3
	A203J1CQ204	2–1571987–2
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	A201J2CQ004	1571987–8
	A201J1ZQ004	1571987–7
OBSOLETE	A201J1V3Q004	1571987–6
	A201J1CQ004	1571987–5
	A201J1AV2Q004	1571987–4
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	A201J1AQ004	1571987–2
OBSOLETE	A211J61Z3Q0004	1571987–1

1571987

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4 PLC ± –
ANGLES ± 4°

MATERIAL –
FINISH –

DWN M.BINNER 06JAN05
CHK M.ZITTO 06JAN05
APVD M.ZITTO 06JAN05
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

CUSTOMER DRAWING

TE Connectivity

NAME
GEMINI A SERIES ROCKER SWITCH
DOUBLE POLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1571987	—

SCALE	SHEET	REV
2:1	5 OF 5	A8

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